

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	19	(US-20060064313-\$ or US-20010056362-\$ or US-20040133487-\$ or US-20040002972-\$ or US-20070156656-\$ or US-20040002988-\$ or US-20020069244-\$).did. or (US-7076652-\$ or US-7177859-\$ or US-7236950-\$ or US-7155205-\$ or US-7386295-\$ or US-7233918-\$ or US-5852812-\$ or US-6470325-\$ or US-6473740-\$ or US-6718369-\$).did. or (EP-1548671-\$).did. or (JP-2005190481-\$).did. or (US-6639975-B-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/29 16:18
L2	1	L1 and (threshold same number same dependen\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 16:18
L3	1	L1 and (threshold same dependen\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 16:19
L4	1	L1 and (limit same dependen\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 16:20
S1	44379	microsoft.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/17 18:13

S2	16	S1 and ((account with management with system) and subscriber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/17 18:14
S3	583	deb.inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/17 18:15
S4	7	S3 and S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/17 18:15
S5	3081	((account or subscription) near5 (task or activity or work)) with (process\$3 or comput\$3 or manage\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/17 18:17
S6	72	S5 and bulk and error and dependen\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/17 18:19
S7	5	S6 and renew\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/17 18:20
S8	44379	microsoft.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 11:08
S9	18	S8 and ((account with management with system) and (subscriber or subscription))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 11:08

S10	3081	((account or subscription) near5 (task or activity or work)) with (process\$3 or comput\$3 or manage\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 11:12
S11	72	S10 and bulk and error and dependen\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 11:12
S12	306	((account or subscription) with (task or activity or work\$4) with (process\$3 or comput\$3 or manage\$4)) and ((task or activity) near5 dependen\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 11:15
S13	3	S12 and ((bulk or batch) and error and renew\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 11:16
S14	199	S10 and (subscription near5 (process\$3 or manage\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 11:22
S15	9	S12 and S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 11:23
S16	19	S12 and account and subscription and payment	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 11:25
S17	1	S16 and (((bulk or batch) near5 process\$3) and error and renew\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 11:28

S18	1	S16 and (((bulk or batch) near8 process\$3) and error and renew\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 11:31
S19	6	S14 and ((retry or reprocess\$3) and threshold and ((catch or speed or match) adj up))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 11:33
S20	10	(US-20060064313-\$ or US-20010056362-\$ or US-20040133487-\$ or US-20040002972-\$ or US-20070156656-\$ or US-20040002988-\$).did. or (US-7076652-\$ or US-7177859-\$).did. or (EP-1548671-\$).did. or (JP-2005190481-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/06/18 12:15
S21	0	S20 and ((error\$2 near5 account) and ((bulk or batch) near5 process\$3) and (remov\$3 with eligible with account))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 12:17
S22	0	S20 and ((error\$2 with account) and ((bulk or batch) with process\$3) and (remov\$3 with eligible with account))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 12:17
S23	0	S20 and ((error\$2 with account) and ((bulk or batch) with process\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 12:18
S24	0	S20 and (error\$2 with account)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 12:18
S25	0	("2007/0156656").URPN.	USPAT	OR	ON	2008/06/18 12:21
S26	8	("2004/0133487").URPN.	USPAT	OR	ON	2008/06/18 12:22
S27	0	("2007/0156656").URPN.	USPAT	OR	ON	2008/06/18 12:25

S28	5	("2004/0002988").URPN.	USPAT	OR	ON	2008/06/18 12:26
S29	13	("2001/0056362").URPN.	USPAT	OR	ON	2008/06/18 12:27
S30	78	("20010009016"   "20020010804"   "20020032597"   "20020032602"   "20020032771"   "20020035482"   "20020069244"   "20020075293"   "20020077842"   "20020080938"   "20020082919"   "20020087740"   "20020095399"   "20020120711"   "20020136173"   "20020154010"   "20020165729"   "20020194305"   "20030046539"   "20030050046"   "20030083952"   "20030101322"   "20030131143"   "20030154193"   "20030177402"   "20040002988"   "20040128359"   "4774658"   "5367633"   "5416725"   "5555346"   "5813007"   "5852812"   "5893091"   "5973612"   "5974406"   "5999978"   "6021403"   "6055505"   "6055570"   "6122633"   "6138158"   "6151643"   "6167448"   "6173284"   "6185613"   "6208996"   "6209011"   "6219782"   "6256664"   "6260148"   "6275957"   "6292825"   "6314533"   "6353926"   "6400810"   "6405191"   "6424966"   "6438618"   "6466949"   "6480885"   "6487548"   "6510429"   "6629138"   "6643682"   "6662195"   "6704803"   "6751657"   "6826560"   "6829639"   "6829770"   "6839730"   "6910033"   "6910070"   "6938240"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/18 13:23

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S31	37	S30 and ((account or subscription) near5 (process\$3 or manage\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 13:28
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		PN. OR ("7076652"). URPN.				
S35	66	S34 and (account\$3 near5 (system or manage\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 13:49
S36	3081	((account or subscription) near5 (task or activity or work)) with (process\$3 or comput\$3 or manage\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 16:06
S37	0	S36 and ((remov\$3 or cull or delet\$3 or filter\$3) same (account or record or subscription or contract or agreement) same from same data\$4 same (ineligib\$5 or unqualified or inappropriate or error \$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 16:06
S38	0	((remov\$3 or cull or delet \$3 or filter\$3) same (account or record or subscription or contract or agreement) same from same data\$4 same (ineligib\$5 or unqualified or inappropriate or error \$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 16:07
S39	16	(US-20060064313-\$ or US- 20010056362-\$ or US- 20040133487-\$ or US- 20040002972-\$ or US- 20070156656-\$ or US- 20040002988-\$ or US- 20020069244-\$).did. or (US-7076652-\$ or US- 7177859-\$ or US-7236950- \$ or US-7155205-\$ or US- 7386295-\$ or US-7233918- \$ or US-5852812-\$).did. or (EP-1548671-\$).did. or (JP-2005190481-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/06/18 16:07
S40	12	S39 and (remov\$3 or filter \$3 or delet\$3 or cull\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 16:08

S41	0	S40 and ((speed\$2 or increas\$3) same efficien \$2 same eligib\$5 same error)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 16:10
S42	0	S40 and ((speed\$2 or increas\$3 or improv\$3) same process\$3 same efficien\$2 same eligib\$5 same error)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 16:11
S43	8	S40 and ((bulk or batch) near5 process\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 16:11
S44	0	("2007/0156656").URPN.	USPAT	OR	ON	2008/06/18 16:15
S45	5	S39 and (account near8 manage\$4) and bill\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 16:24
S46	4	S45 and (remov\$3 or delet \$3 or filter\$3 or cull\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 16:25
S47	3	S46 and (batch or bulk)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 16:25
S48	3	S39 and (contain with (error or mistake or problem or issue))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 16:28
S49	59	"6,473,740" "6,470,325" "6,639,975" "6,718,369"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 16:39

S50	2	("batch processing" and "account management") and (task near5 dependen\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 17:22
S51	126	S36 and ((remov\$3 or cull or delet\$3 or filter\$3) same (account or record or subscription or contract or agreement or data) same data\$4 same (ineligib\$5 or unqualified or inappropriate or error \$5 or defective or bad))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 17:30
S52	0	("2007/0283287").URPN.	USPAT	OR	ON	2008/06/18 17:31
S53	1	((batch or bulk) near5 process\$3) and ((account or subscription) near5 management) and (task near5 dependen\$4) and ((error\$2 or defect\$3) near5 (remov\$3 or delet \$3 or filter\$3)) and (module or component or subsystem)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 17:35
S54	1	(US-20040133487-\$).did.	US-PGPUB	OR	ON	2008/06/20 11:42
S55	0	S54 and (error same task same batch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 11:42
S56	1	S54 and (error same batch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 11:43
S57	0	S54 and (error same batch same (parallel or concurrent\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 11:44
S58	1	S54 and (error same batch same2 (parallel or concurrent\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 11:44

S59	1	S54 and (error same batch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 12:48
S60	0	S54 and (account same batch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 12:50
S61	0	S54 and (subscription same batch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 12:50
S62	0	S54 and (subscrib\$3 same batch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 12:50
S63	1	S54 and (subscrib\$3 same2 batch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 12:50
S64	0	S54 and (batch same (reprocess\$3 or repeat\$4 or retry\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 12:56
S65	1	S54 and (batch same2 (reprocess\$3 or repeat\$4 or retry\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 12:56
S66	1	S54 and (manual\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 12:59

S67	1	S54 and ((manual\$2 or (human or work\$2)) with (interven\$4 or involv\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 13:02
S68	1	S54 and ((manual\$2 or (human or work\$2)) same (interven\$4 or involv\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 13:03
S69	1	(US-7177859-\$).did.	USPAT	OR	ON	2008/06/20 13:08
S70	1	S69 and ((manual\$2 or (human or work\$2)) same (interven\$4 or involv\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 13:08
S71	0	S54 and ((error or incompatib\$5 or inconsisten\$2 or match\$3 or agree\$4) same (account or subscri\$5) same depend\$4)	US-PGPUB	OR	ON	2008/06/20 13:42
S72	0	S54 and ((error or incompatib\$5 or inconsisten\$2 or match\$3 or agree\$4) same (account or subscri\$5) same (depend\$4 or common or relat\$2))	US-PGPUB	OR	ON	2008/06/20 13:42
S73	1	S54 and ((error or incompatib\$5 or inconsisten\$2 or match\$3 or agree\$4) same2 (account or subscri\$5) same2 (depend\$4 or common or relat\$3))	US-PGPUB	OR	ON	2008/06/20 13:49
S74	1	S54 and ((error or incompatib\$5 or inconsisten\$2 or match\$3 or agree\$4 or valid\$3 or invalid\$3 or check) same2 (account or subscri\$5) same2 (depend\$4 or common or relat\$3))	US-PGPUB	OR	ON	2008/06/20 13:55

S75	19	(US-20060064313-\$ or US-20010056362-\$ or US-20040133487-\$ or US-20040002972-\$ or US-20070156656-\$ or US-20040002988-\$ or US-20020069244-\$).did. or (US-7076652-\$ or US-7177859-\$ or US-7236950-\$ or US-7155205-\$ or US-7386295-\$ or US-7233918-\$ or US-5852812-\$ or US-6470325-\$ or US-6473740-\$ or US-6718369-\$).did. or (EP-1548671-\$).did. or (JP-2005190481-\$).did. or (US-6639975-B-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/20 14:55
S76	10	S75 and (skip or avoid or bypass)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 14:56
S77	2	S75 and ((skip or avoid or bypass) with (task or process\$3 or activit\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 14:58
S78	0	S75 and ((skip or avoid or bypass) with (task or process\$3 or activit\$3 or step) with (signal\$3 or indicat\$3) with error)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 15:01
S79	0	S75 and ((skip or avoid or bypass) with (task or process\$3 or activit\$3 or step) with (signal\$3 or indicat\$3) and (error with (handling or detect\$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 15:02
S80	0	((multiple or concurrent or parallel) near5 process \$3) same (error with detect\$3) same (skip or avoid or bypass)) and workflow	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 15:04



S81	0	((multiple or concurrent or parallel) near5 process \$3) same (error with (detect\$3 or handling) same (skip or avoid or bypass) same (trigger or signal or indicat\$3))) and workflow	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 15:06
S82	0	((multiple or concurrent or parallel or dual) with process\$3) same (error with (detect\$3 or handling) same (skip or avoid or bypass) same (trigger or signal or indicat \$3))) and workflow	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 15:06
S83	0	((multiple or concurrent or parallel or dual) with (process\$3 or system)) same (error with (detect \$3 or handling) same (skip or avoid or bypass) same (trigger or signal or indicat\$3))) and workflow	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 15:07
S84	391	((dual or parallel) near5 system) same ((trigger or signal or indicate) with (bypass or skip or ignore or avoid))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 15:09
S85	0	S84 and (workflow or (business process) or (billing service) or (customer management))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/20 15:11
S86	0	S84 and (workflow or (business process))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/20 15:12
S87	0	S54 and ((valid\$3 or correct\$4) with (next or successive))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 16:34

S88	0	S54 and ((valid\$3 or correct\$4) same (next or successive) same (task or process))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 16:35
S89	0	S54 and ((valid\$5 or correct\$4) same (next or successive) same (task or process))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 16:35
S90	0	S54 and ((valid\$5 or correct\$4 or verif\$3 or error) same (next or successive) same (task or process))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/20 16:36
S91	3340	((account or subscription) near5 (task or activity or work)) with (process\$3 or comput\$3 or manage\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/24 13:37
S92	0	S91 and ((error\$2 near5 account) and ((bulk or batch) near5 process\$3) and (remov\$3 with eligible with account))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/24 13:37
S93	19	(US-20060064313-\$ or US-20010056362-\$ or US-20040133487-\$ or US-20040002972-\$ or US-20070156656-\$ or US-20040002988-\$ or US-20020069244-\$).did. or (US-7076652-\$ or US-7177859-\$ or US-7236950-\$ or US-7155205-\$ or US-7386295-\$ or US-7233918-\$ or US-5852812-\$ or US-6470325-\$ or US-6473740-\$ or US-6718369-\$).did. or (EP-1548671-\$).did. or (JP-2005190481-\$).did. or (US-6639975-B-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/29 14:33
S94	4	S93 and (task with (order or sequenc\$3 or dependen\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 14:34

**9/ 29/ 2009 4:24:50 PM**

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